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The Health of Black Residents in Boston

presented at the
**Boston Public Health Commission's
5th Annual Community Health Series**

October 2002

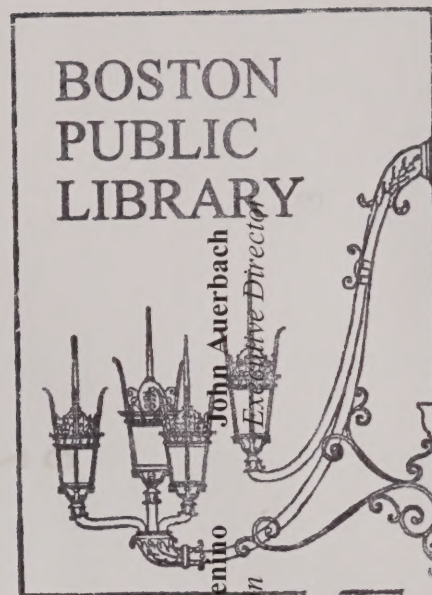
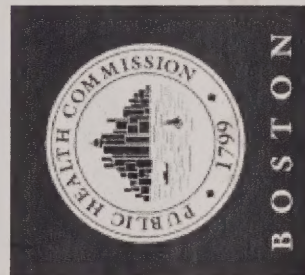
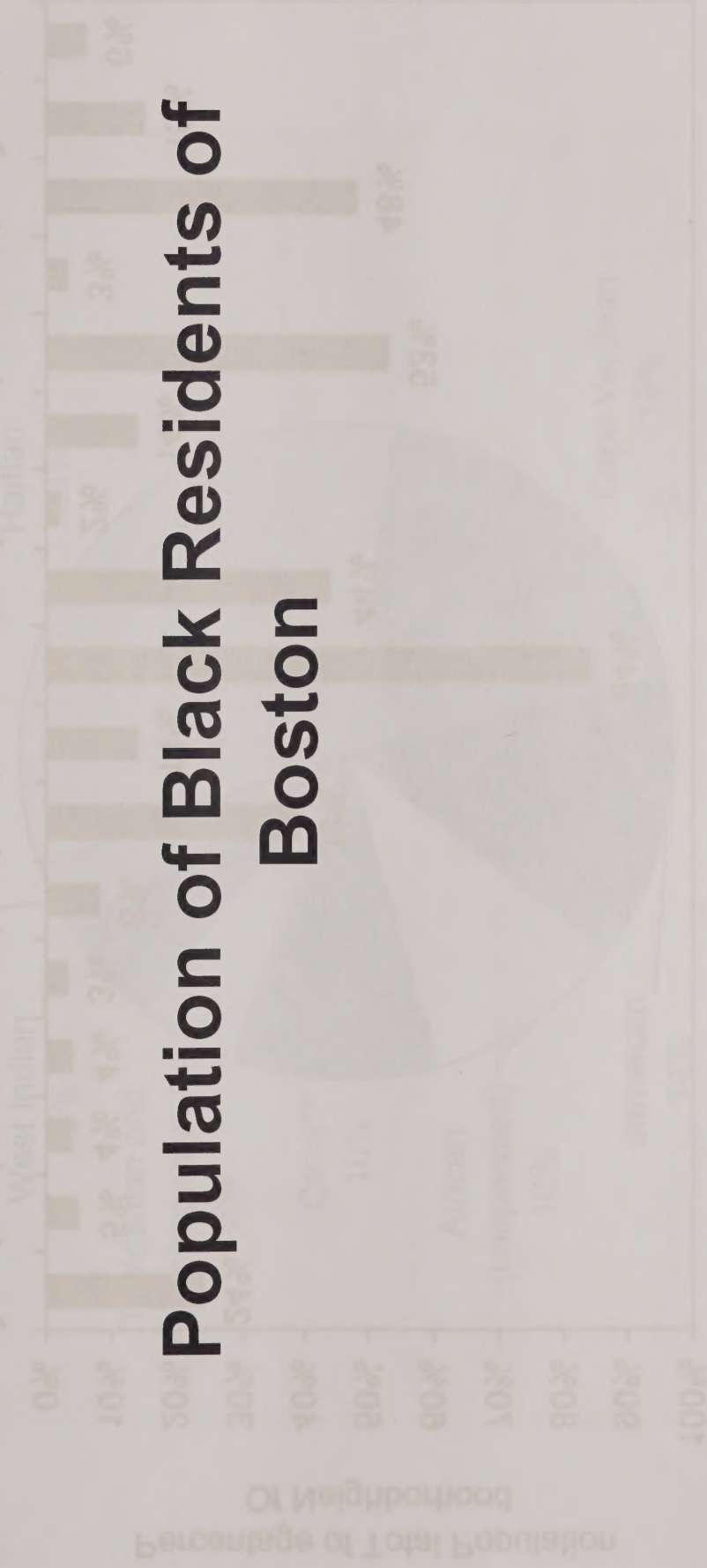


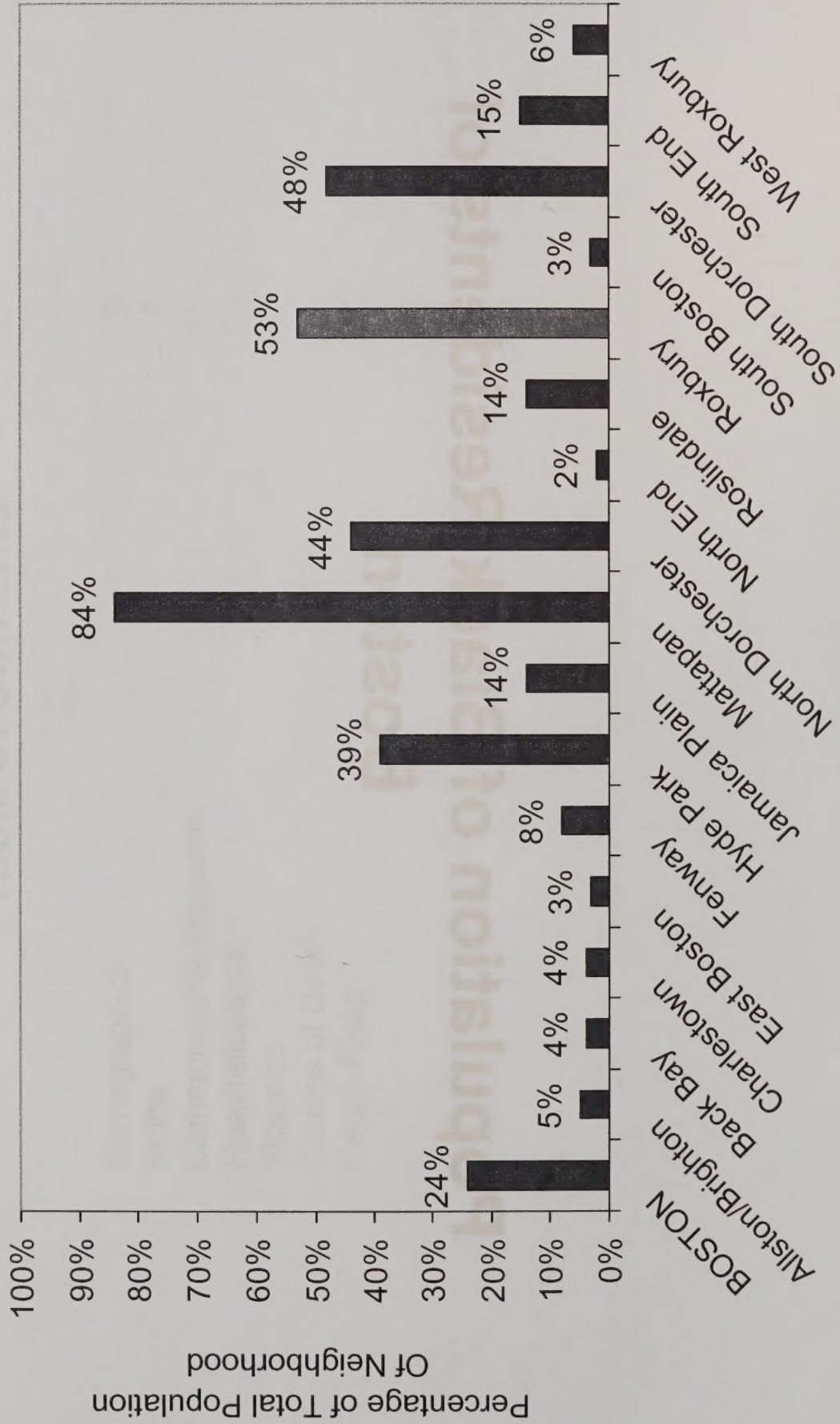
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Population of Black Residents of Boston

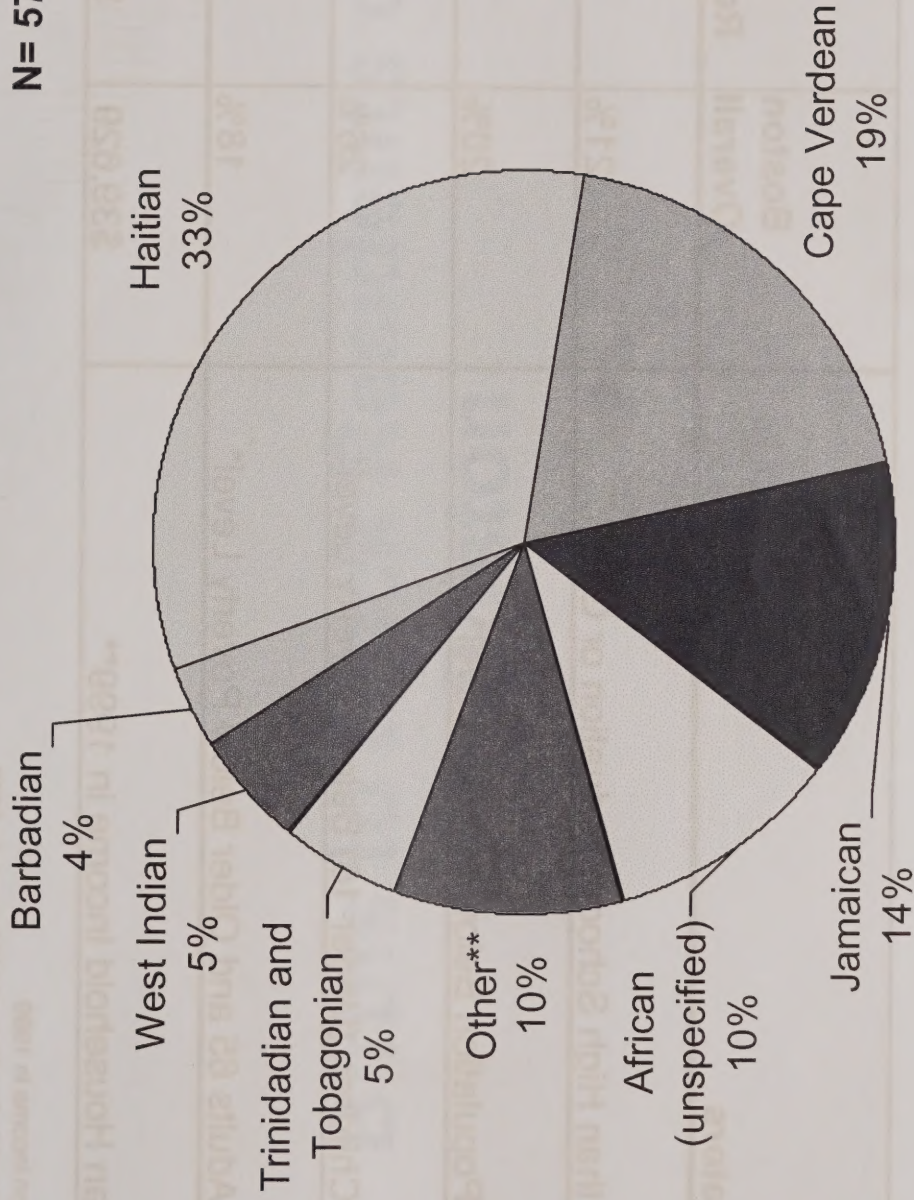


Black Resident Population by Neighborhood Boston, 2000



Population of Black Residents by Sub-Saharan African or West Indian Ancestry, Boston, 2000

N= 57,045



*Includes only Sub-Saharan African and West Indian ancestries. Hispanic Groups are excluded.

** Nigerian, Somalian, Ethiopian, British West Indian, and other Sub-Saharan African and West Indian ancestries.

DATA SOURCE: US Department of Commerce, Bureau of the Census, American FactFinder, Census 2000, Summary File 3-Sample Data
DATA ANALYSIS: Boston Public Health Commission, Research Office

Selected Socioeconomic Indicators Boston Overall and Black Residents, 2000

Indicators	Boston Overall	Black Residents
Less than High School Graduation or GED	21%	27%
% of Population Below Poverty Level*	20%	23%
% of Children (Under 18) Below Poverty Level*	26%	28%
% of Adults 65 and Older Below Poverty Level*	18%	23%
Median Household Income in 1999**	\$39,629	\$30,447

*Based on income in 1999

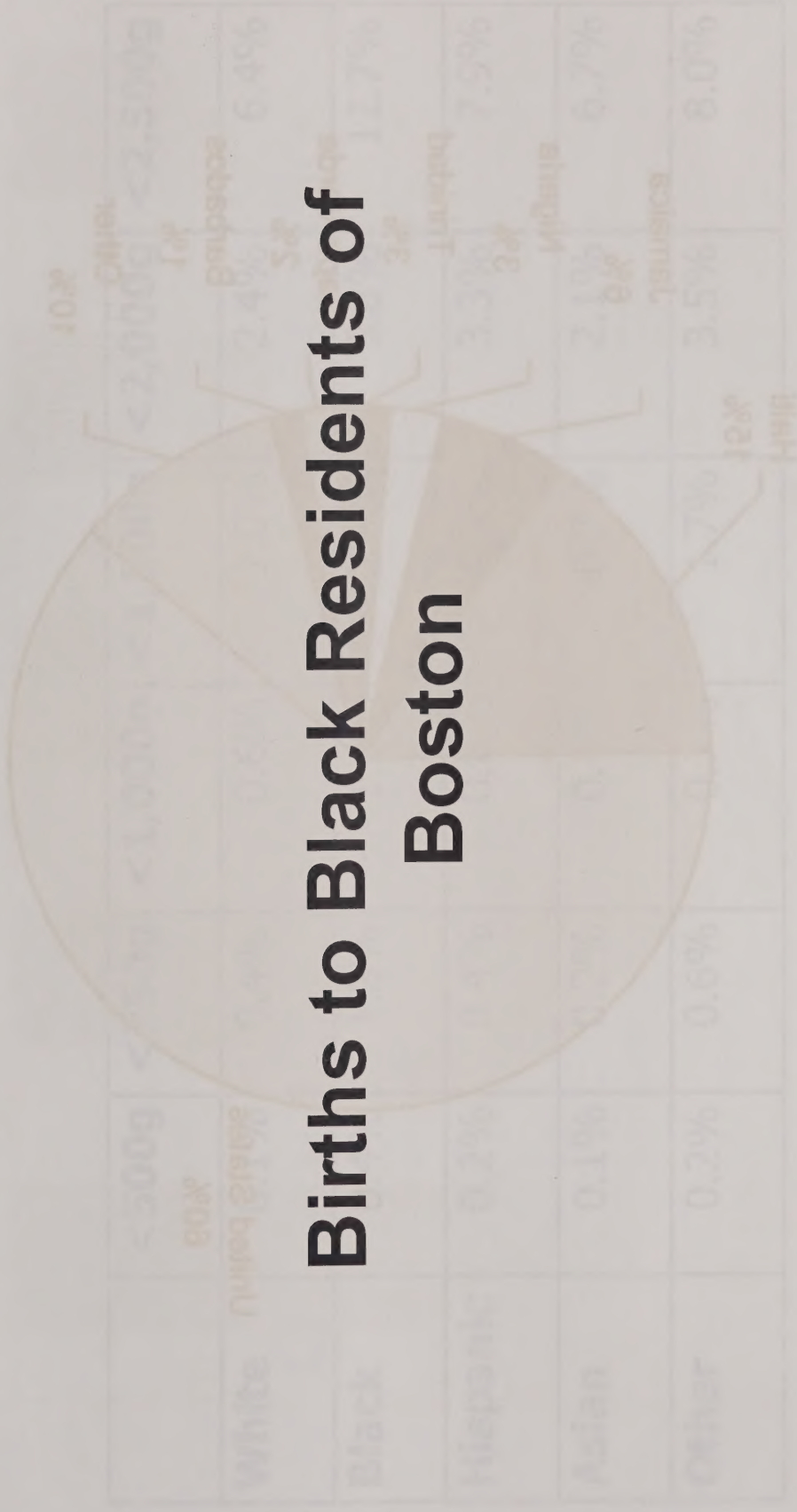
**Estimated Median Household Income in 1999

NOTE: These data from the US Census include Hispanics in the racial category for Blacks.

DATA SOURCE: US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000, Summary File-3 Sample Data

DATA ANALYSIS: Boston Public Health Commission, Research Office

Cumulative and Inclusive Distribution <2,500g Boston, 1996-2000

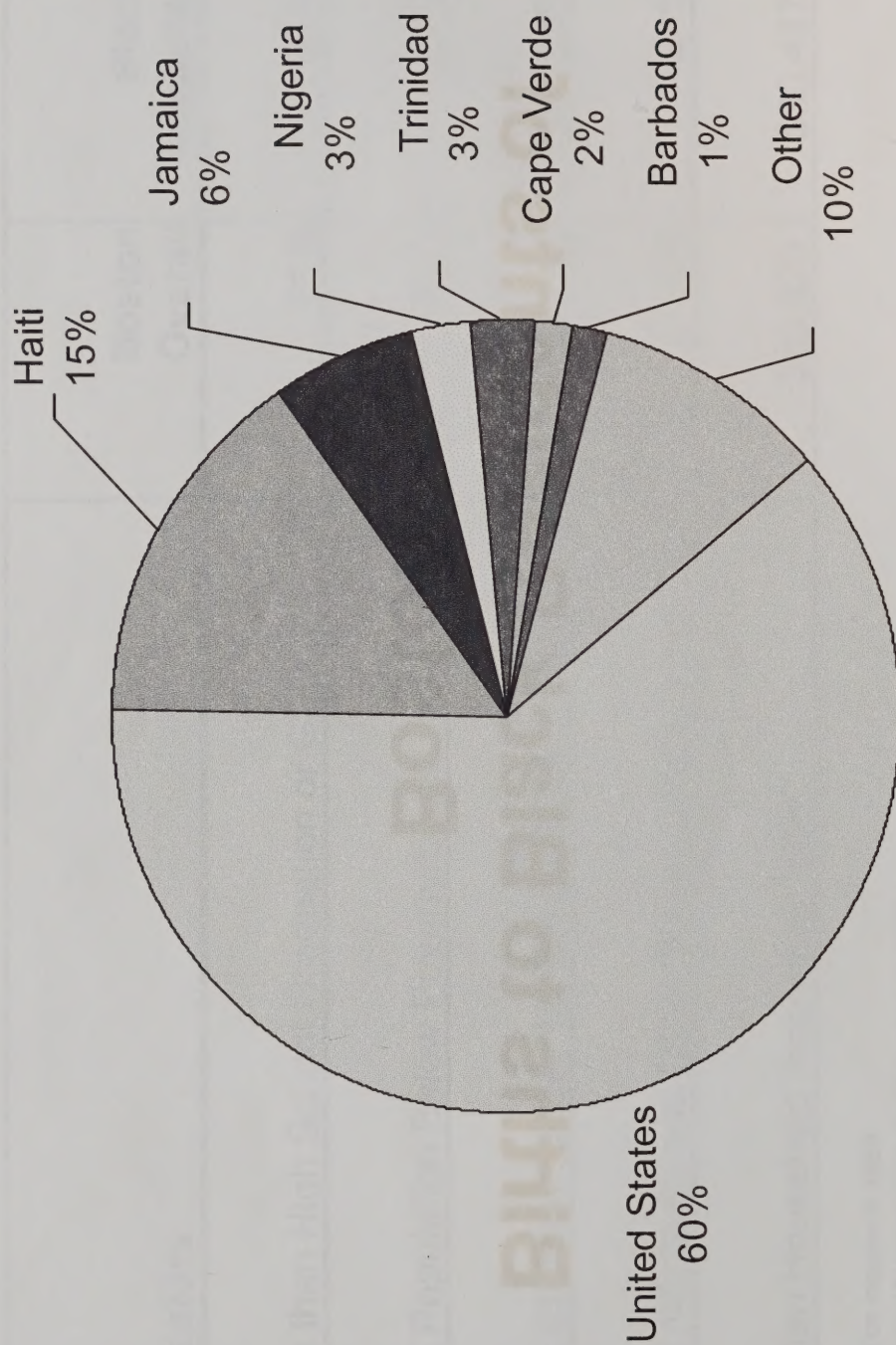


Births to Black Residents of Boston

Source: Boston Health Department, Boston, 1996-2000

Births by Weight of Birthplace, Black Residents

Births by Maternal Birthplace, Black Residents Boston, 1998-2000



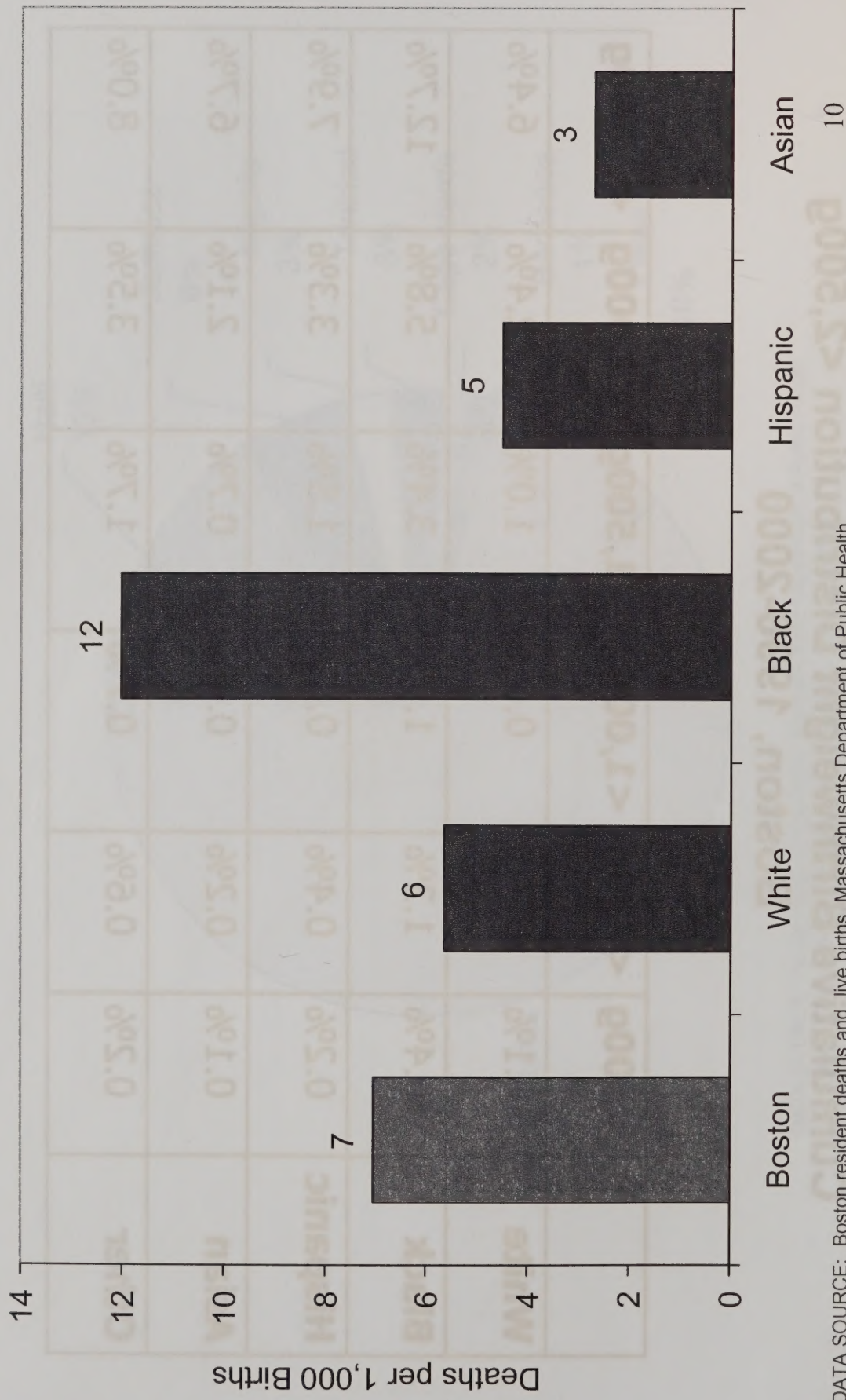
DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

Cumulative Birthweight Distribution <2,500g Boston, 1996-2000

	<500g	<750g	<1,000g	<1,500g	<2,000g	<2,500g
White	0.1%	0.4%	0.6%	1.0%	2.4%	6.4%
Black	0.4%	1.3%	1.9%	3.4%	5.8%	12.7%
Hispanic	0.2%	0.4%	0.8%	1.5%	3.3%	7.9%
Asian	0.1%	0.2%	0.4%	0.7%	2.1%	6.7%
Other	0.2%	0.6%	0.7%	1.7%	3.5%	8.0%

DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

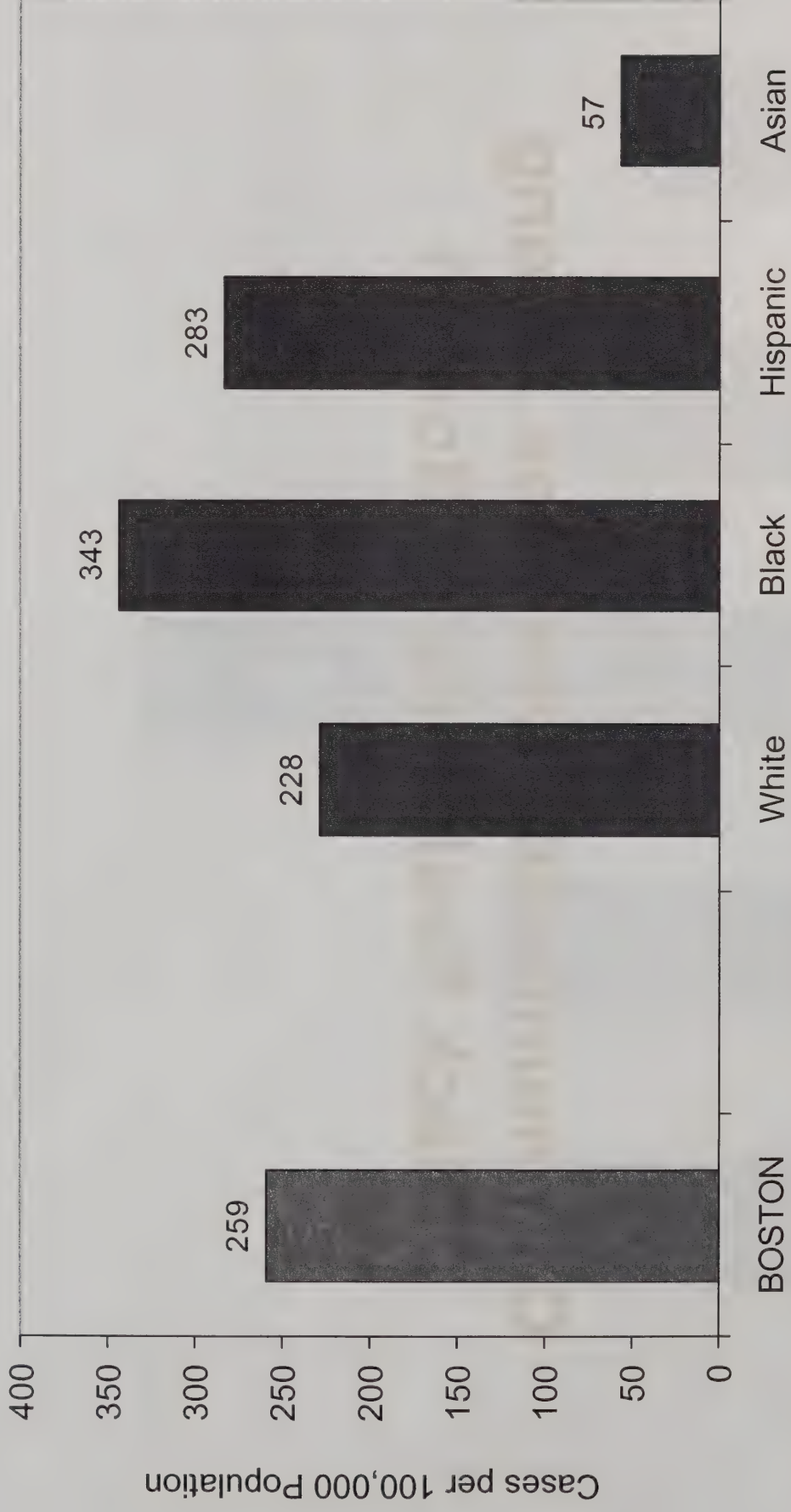
Infant Mortality Rate by Race/Ethnicity Boston, 1996-2000



DATA SOURCE: Boston resident deaths and live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

Communicable Diseases Among Black Residents of Boston

Cumulative HIV* Incidence Rates by Sex and Race/Ethnicity Boston, as of January, 2002



*HIV refers to HIV Alive Cases defined by the Massachusetts Department of Public Health.

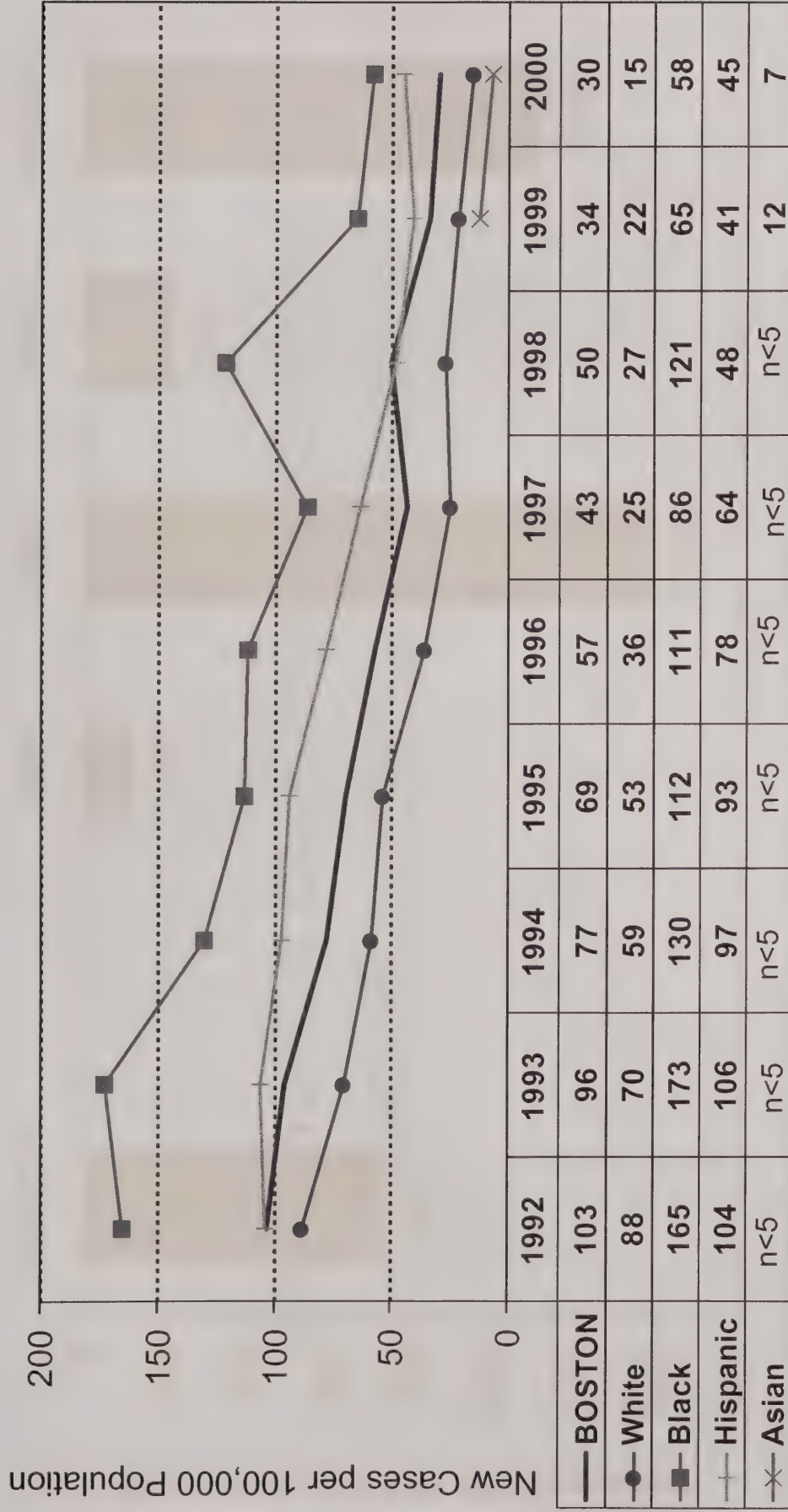
DATA SOURCE: AIDS Reporting System Data, Massachusetts Department of Public Health, Bureau of Communicable Disease Control, AIDS Surveillance Program. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division

GRAPHIC: Boston Public Health Commission, Research Office

AIDS Incidence Rates by Race/Ethnicity by Year

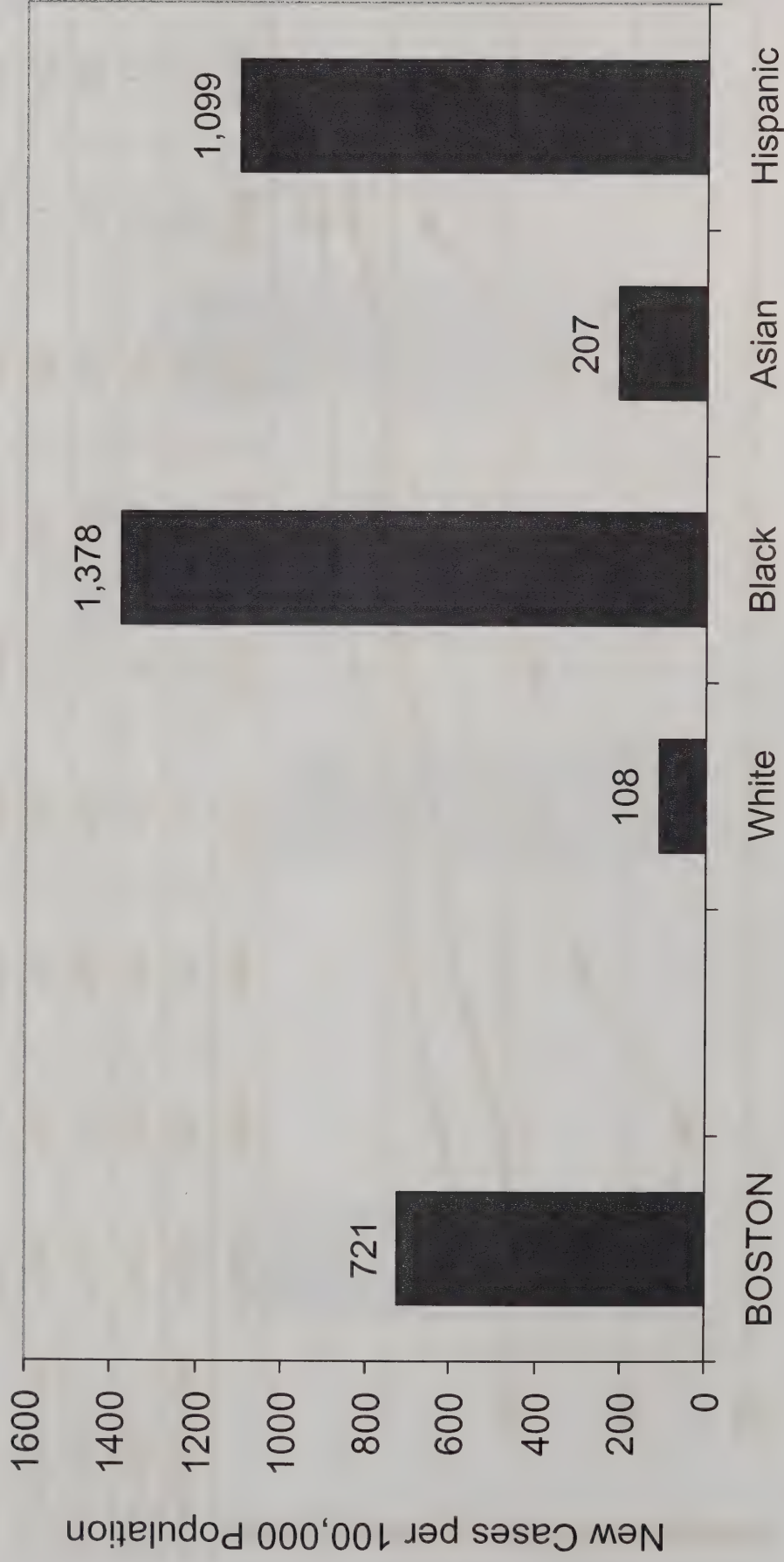
Boston, 1992-2000



DATA SOURCE: AIDS Reporting System Data, Massachusetts Department of Public Health, Bureau of Communicable Disease Control, AIDS Surveillance Program. Rates are calculated using resident population estimates from MISER for 1991-1998, Massachusetts Department of Public Health 1999 Preliminary Estimates, and the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division
 GRAPHIC: Boston Public Health Commission, Research Office

Sexually Transmitted Disease* Incidence Rates by Race/Ethnicity Boston, 2000



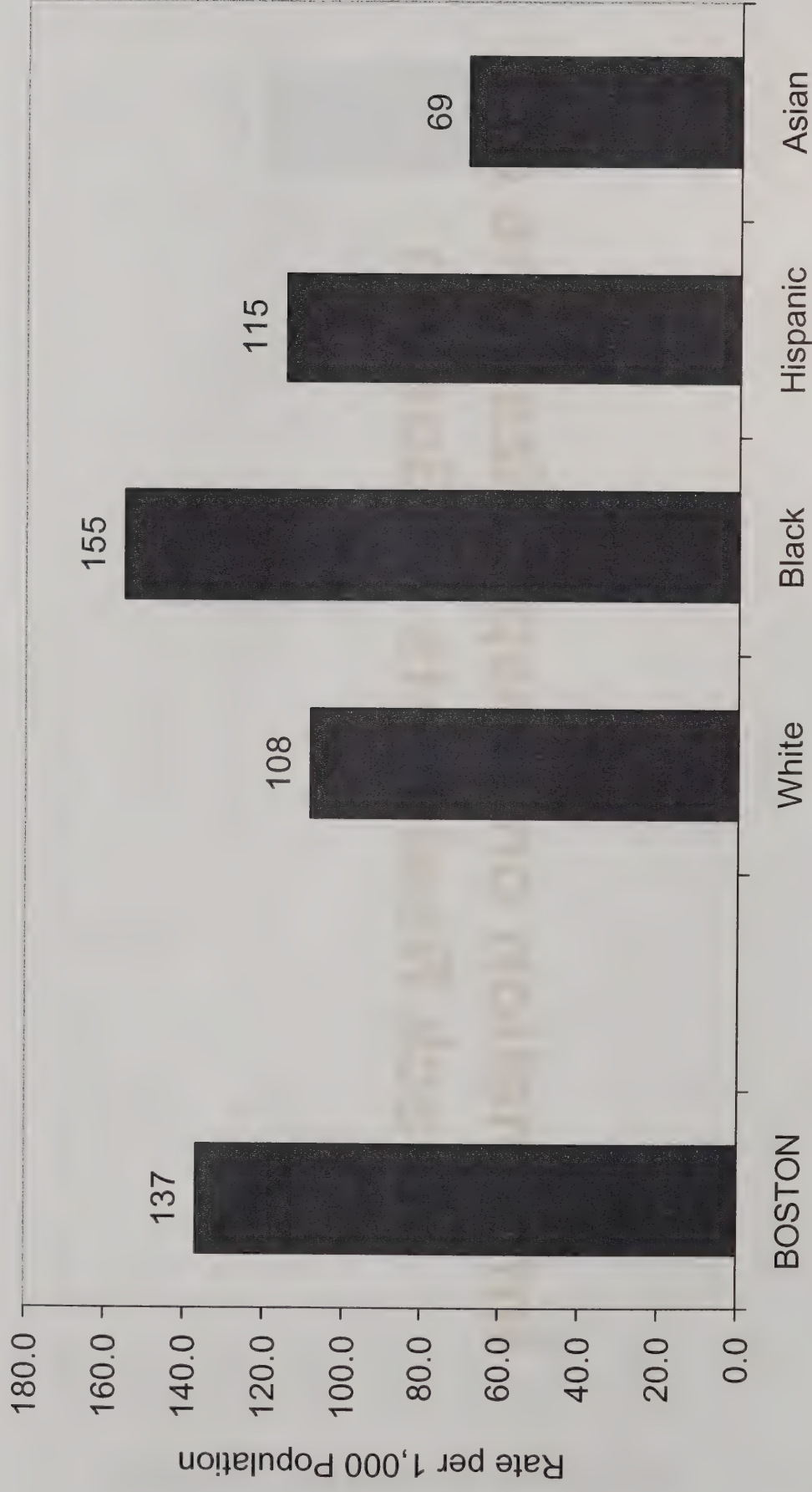
*Sexually Transmitted Diseases include Chlamydia, Syphilis, and Gonorrhea.

DATA SOURCE: AIDS Reporting System Data, Massachusetts Department of Public Health, Bureau of Communicable Disease Control, AIDS Surveillance Program. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division
GRAPHIC: Boston Public Health Commission, Research Office

Information on Hospitalizations of Black Residents of Boston

Hospitalization Age-Adjusted Rates by Race/Ethnicity Boston, 2000



NOTE: These rates are age-adjusted to the 2000 US standard population.

DATA SOURCES: 1997-2000 Acute Case Mix, Massachusetts Division of Health Care Finance and Policy. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

Leading Causes of Hospitalization Age-Adjusted Rates by Race/Ethnicity, Boston, 2000

White	
Cause of Hospitalization	Rate per 1,000 Population
Pregnancy	14
Psychoses	4
Substance Abuse	3
Simple Pneumonia and Pleurisy	3
Injury	3

Black	
Cause of Hospitalization	Rate per 1,000 Population
Pregnancy	30
Injury	6
Heart Failure and Shock	5
Gastroenteritis*	5
Bronchitis and Asthma	5

Hispanic	
Cause of Hospitalization	Rate per 1,000 Population
Pregnancy	30
Chest Pain	4
Gastroenteritis*	4
Bronchitis and Asthma	4
Injury	3

Asian	
Cause of Hospitalization	Rate per 1,000 Population
Pregnancy	18
Simple Pneumonia and Pleurisy	2
Gastroenteritis*	2
Psychoses	1
Uterine Procedures	1

*Also includes esophagitis and miscellaneous digestive disorders.

NOTE: These rates are age-adjusted to the 2000 US standard population.

DATA SOURCE: 1997-2000 Acute Case Mix, Massachusetts Division of Health Care Finance and Policy. Rates are calculated using the US Census 2000 for resident population.

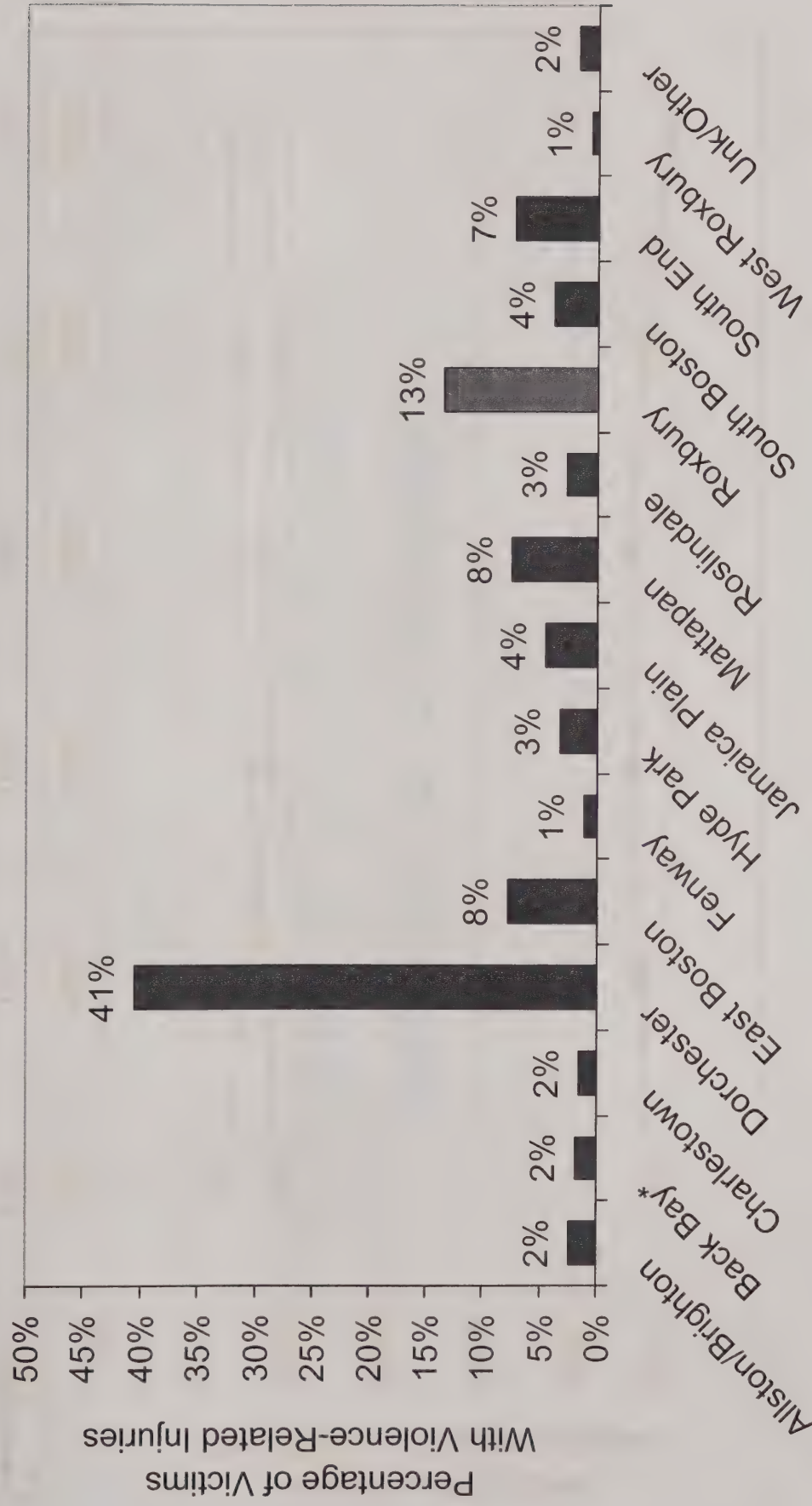
DATA ANALYSIS: Boston Public Health Commission, Research Office

Violence

Victims of Violence-Related Gunshot and Sharp Instrument Injuries

By Neighborhood

Boston, 1998-2001

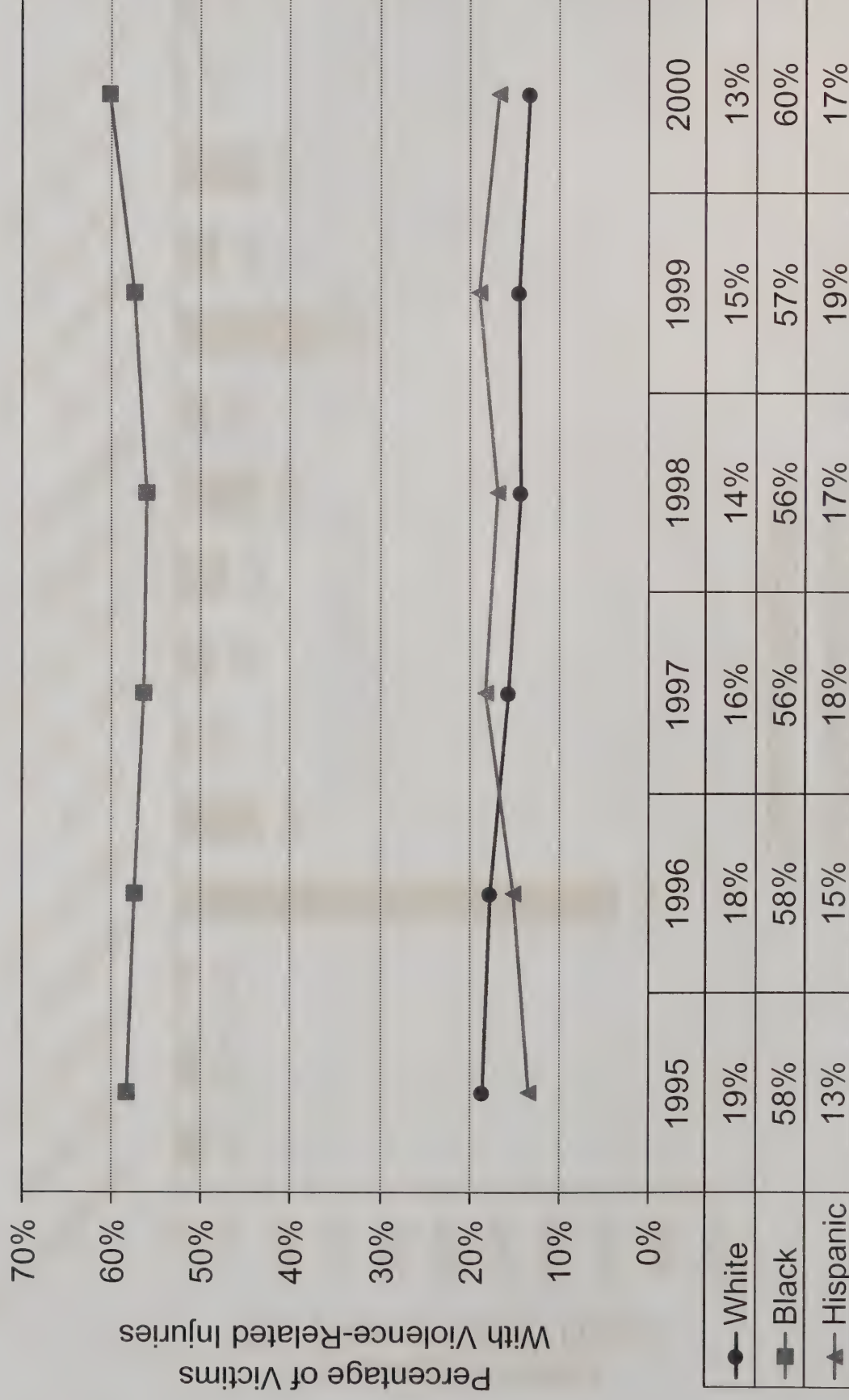


*Includes the North End

DATA SOURCE: Weapons-Related Injury Surveillance System (ISP), Massachusetts Department of Public Health

DATA ANALYSIS: Boston Public Health Commission, Research Office

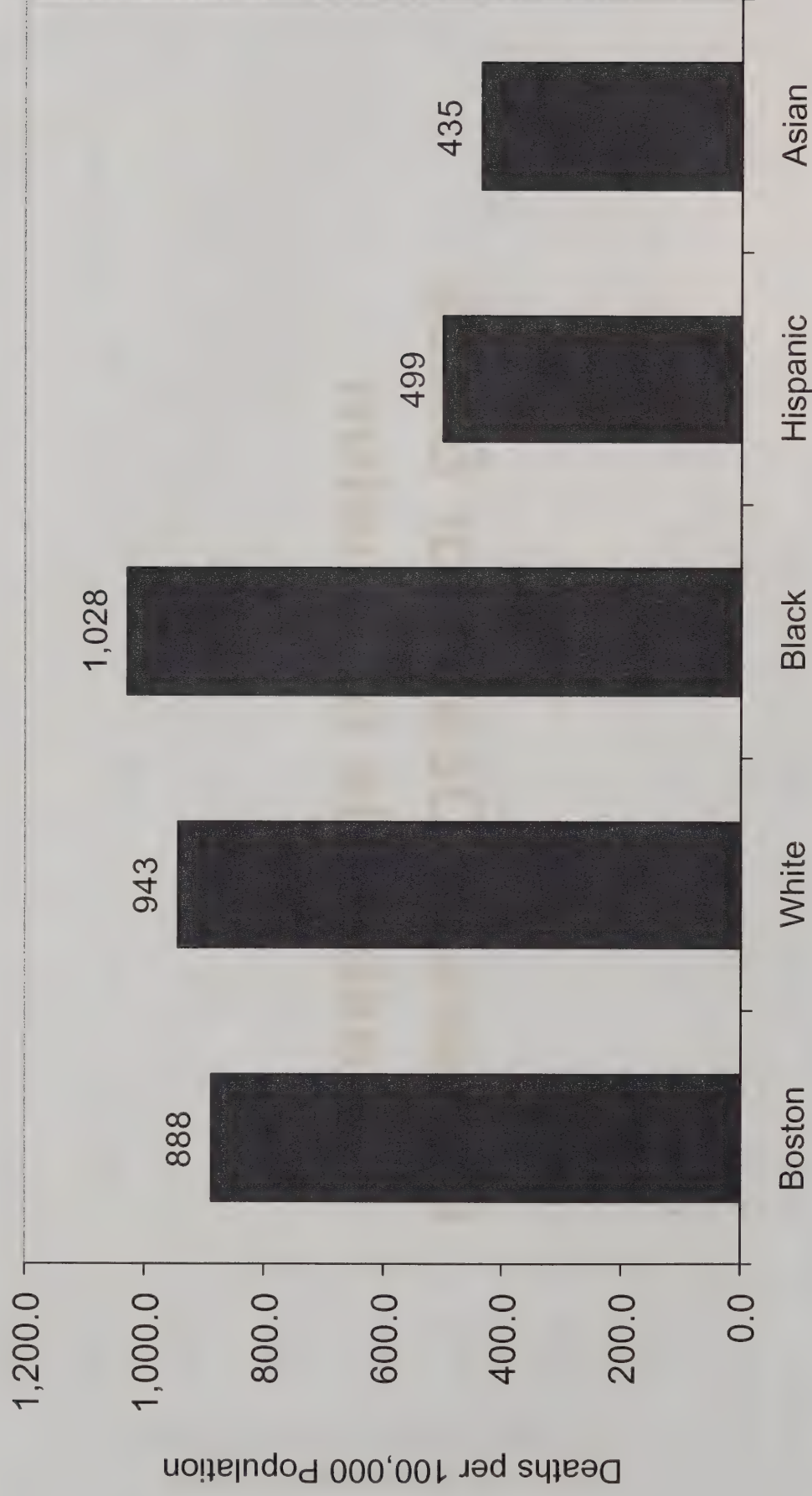
Victims of Violence-Related Injuries by Race/Ethnicity and Year Boston, 1995-2000



DATA SOURCE: Weapons-Related Injury Surveillance System (ISP), Massachusetts Department of Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

Causes of Death for Black Residents of Boston

Mortality Age-Adjusted Rates by Race/Ethnicity Boston, 2000



DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

Leading Causes of Death Age-Adjusted Rates By Race/Ethnicity, Boston, 2000

White	
Leading Causes	Deaths per 100,000 Population
Cancer (All)	241
Heart Disease	231
Stroke	53
COPD	43
All Injuries Combined	42

Black	
Leading Causes	Deaths per 100,000 Population
Cancer (All)	277
Heart Disease	225
Stroke	60
All Injuries Combined	55
Nephritis/Nephrosis	50

Hispanic	
Leading Causes	Deaths per 100,000 Population
Cancer (All)	128
Heart Disease	63
Stroke	63
Diabetes	52
All Injuries Combined	21

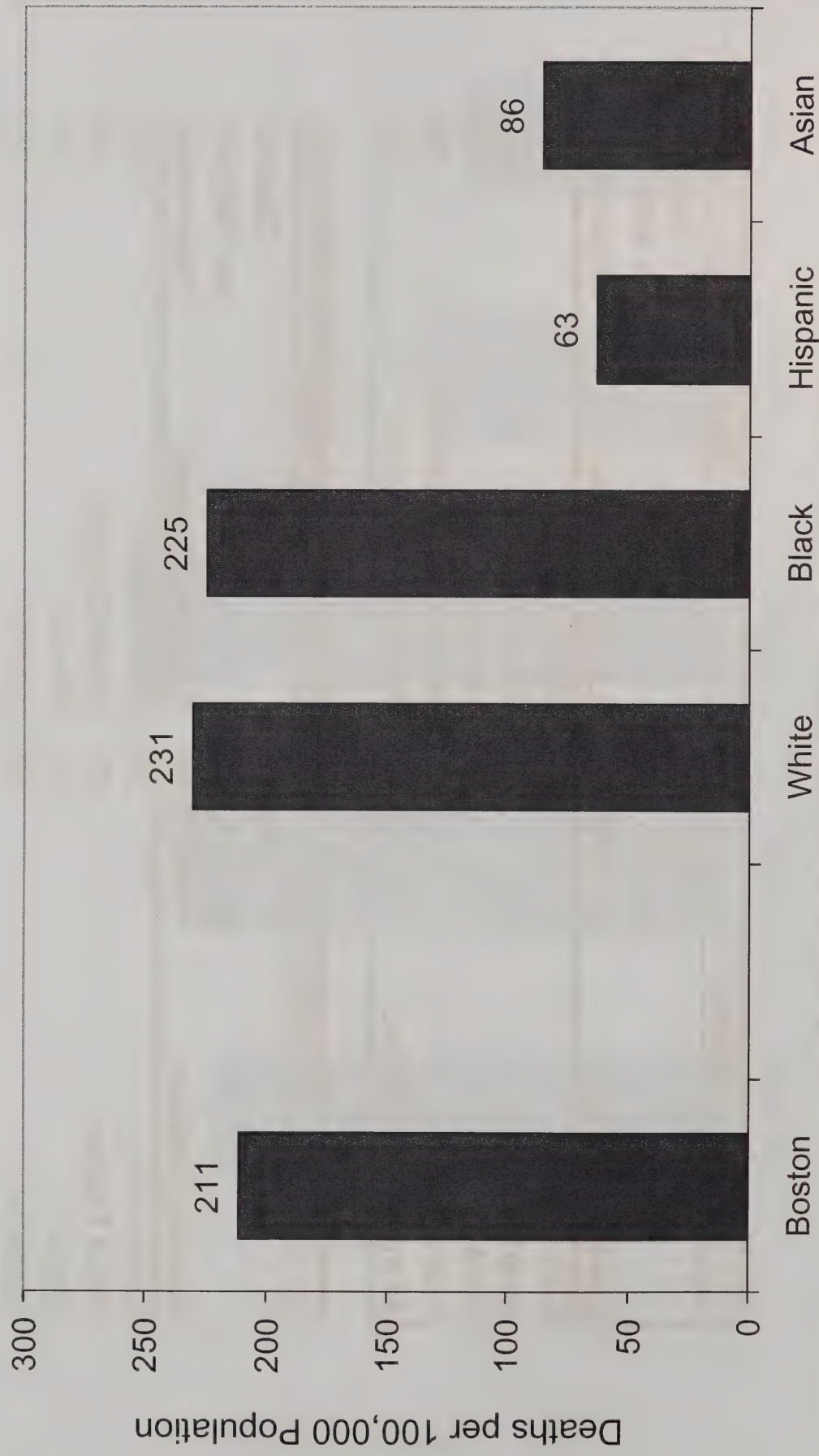
Asian	
Leading Causes	Deaths per 100,000 Population
Cancer (All)	113
Heart Disease	86
Stroke	54
COPD	22
All Injuries Combined	17

DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

Heart Disease Mortality Age-Adjusted Rates by Race/Ethnicity

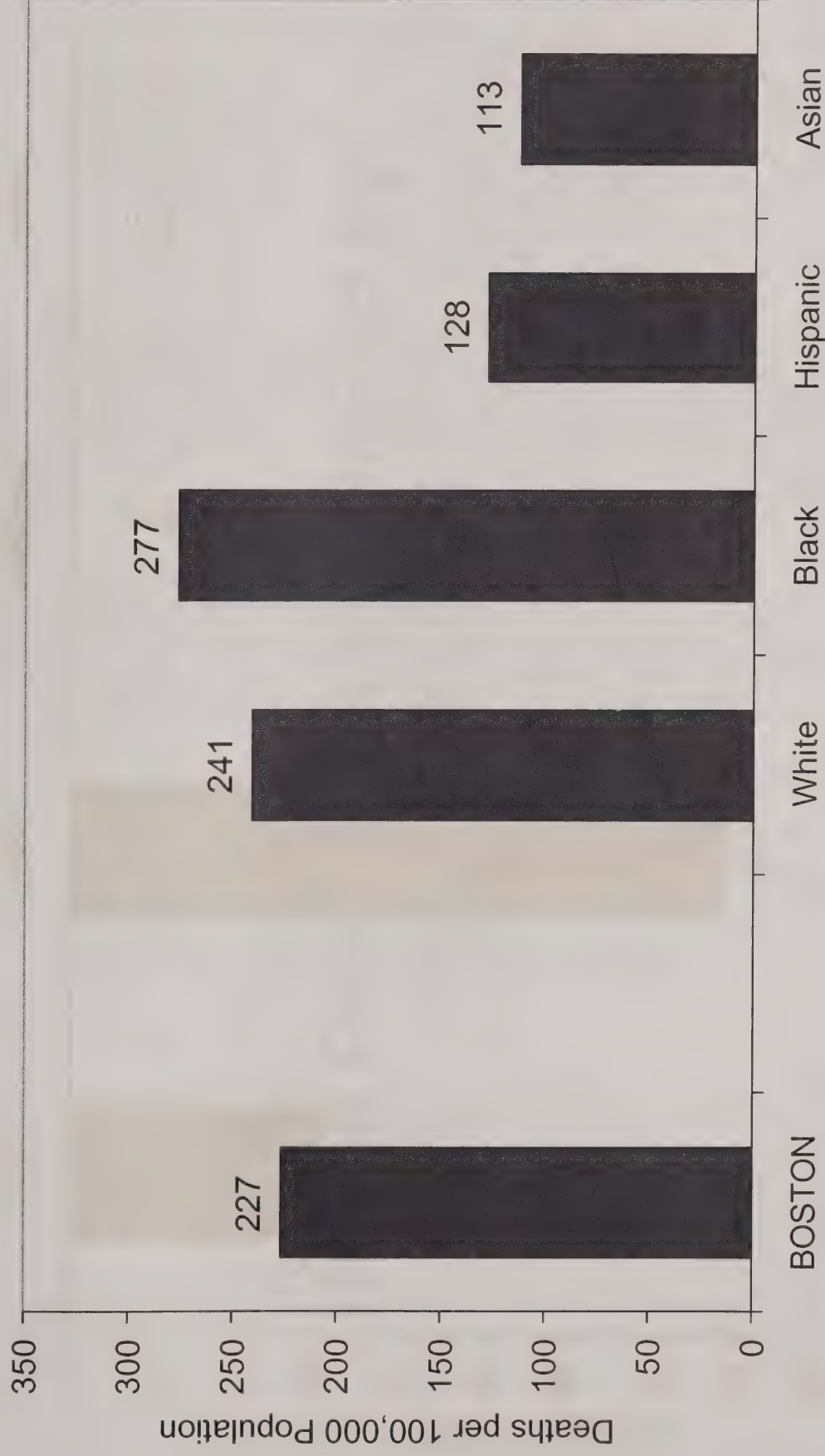
Boston, 2000



DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

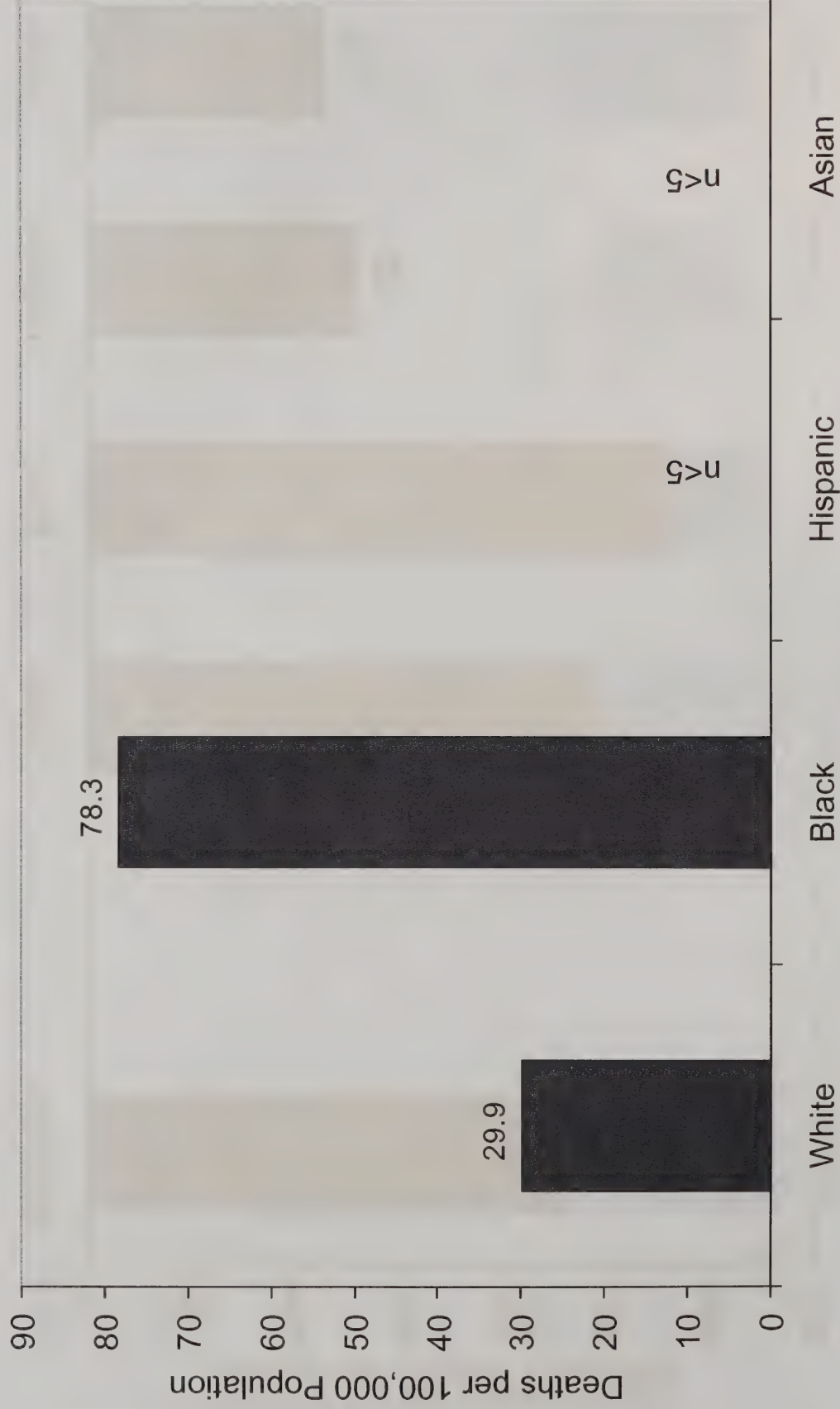
Cancer Mortality Age-Adjusted Rates by Race/Ethnicity Boston, 2000



DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Research Office

Prostate Cancer Mortality by Race/Ethnicity Boston, 2000

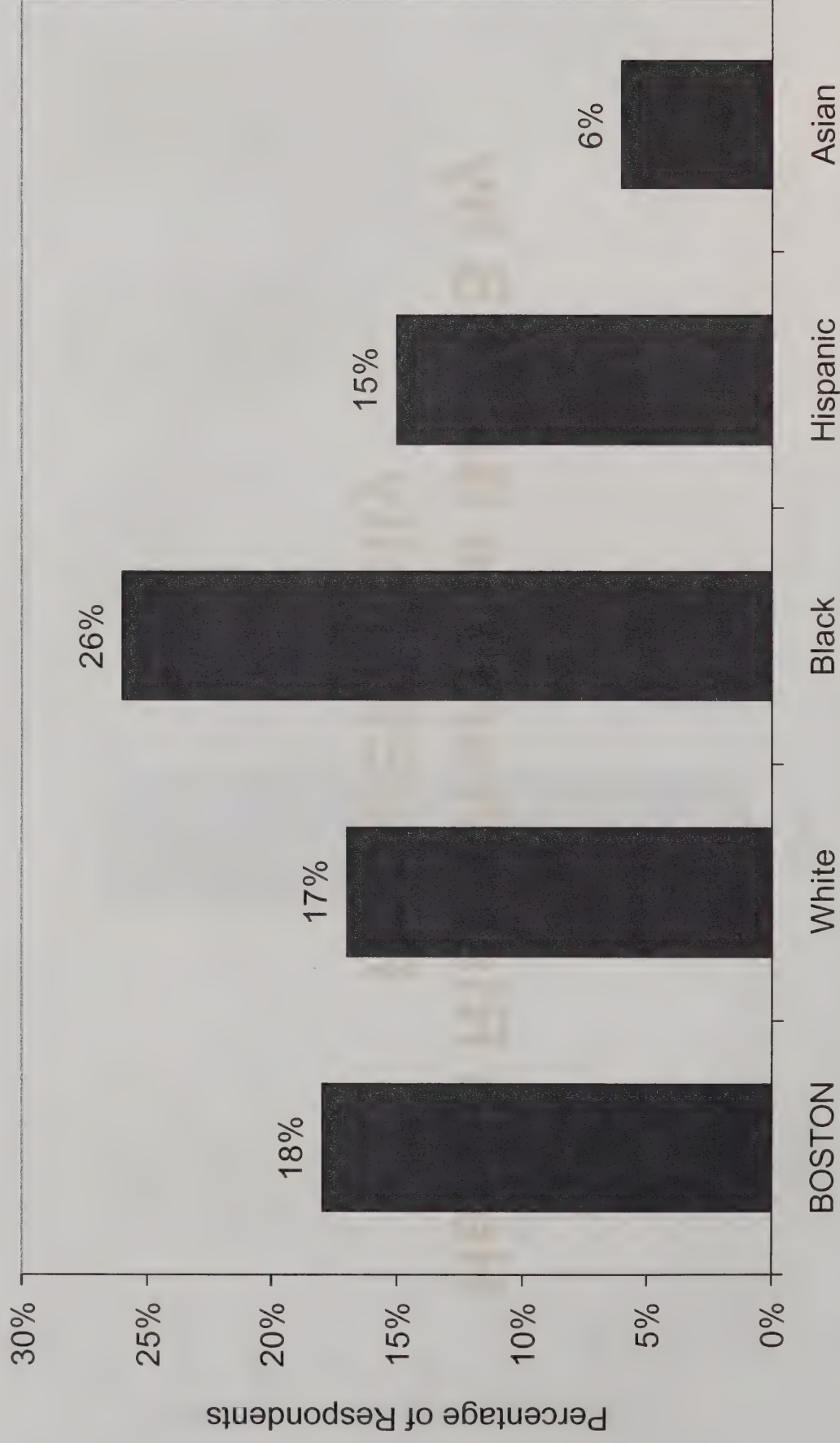


DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

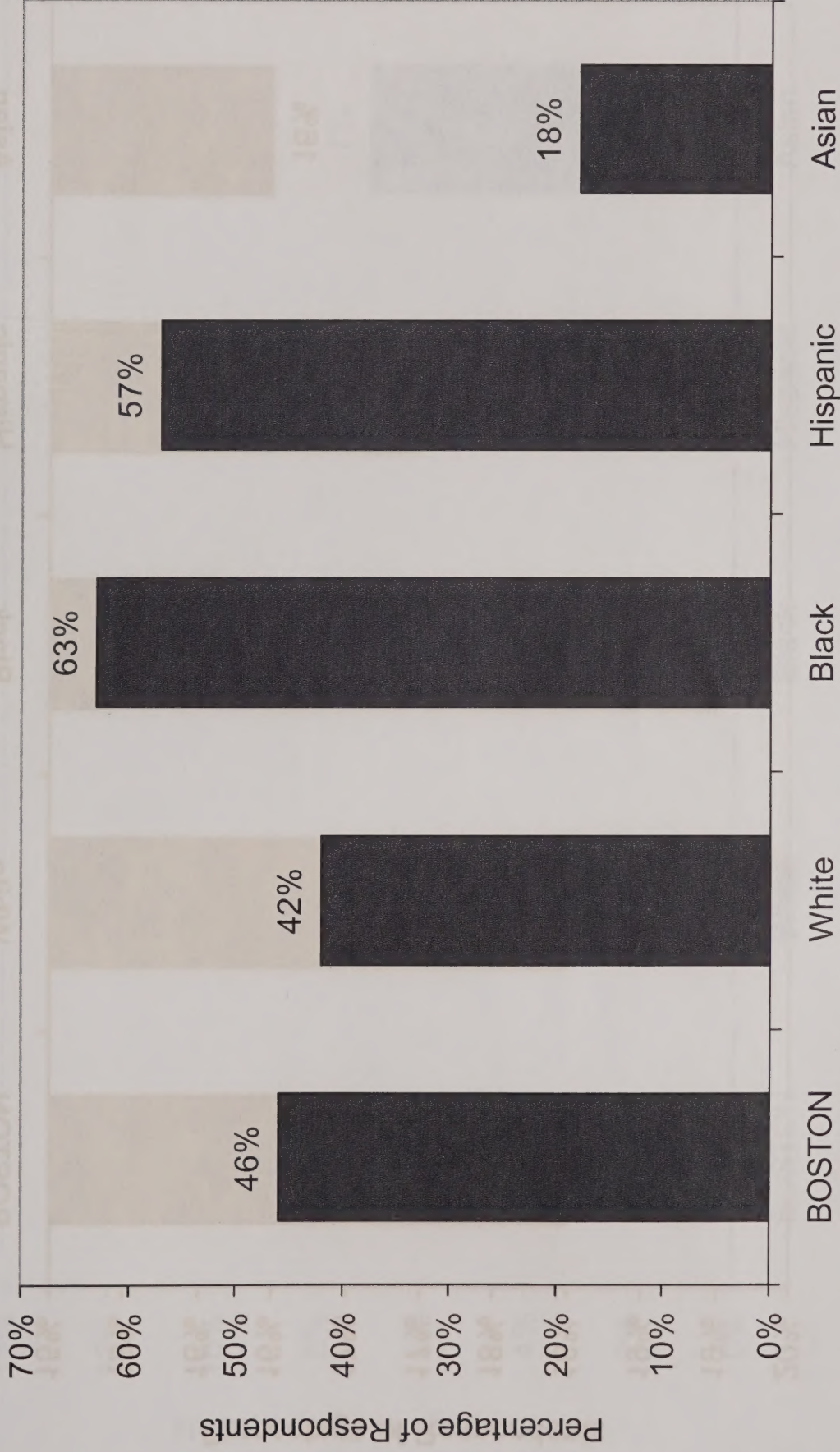
DATA ANALYSIS: Boston Public Health Commission, Research Office

Health Risks from the BRFSS by Race/Ethnicity

Percentage of Adults Ever Diagnosed with High Blood Pressure By Race/Ethnicity, Boston, 1997 and 1999

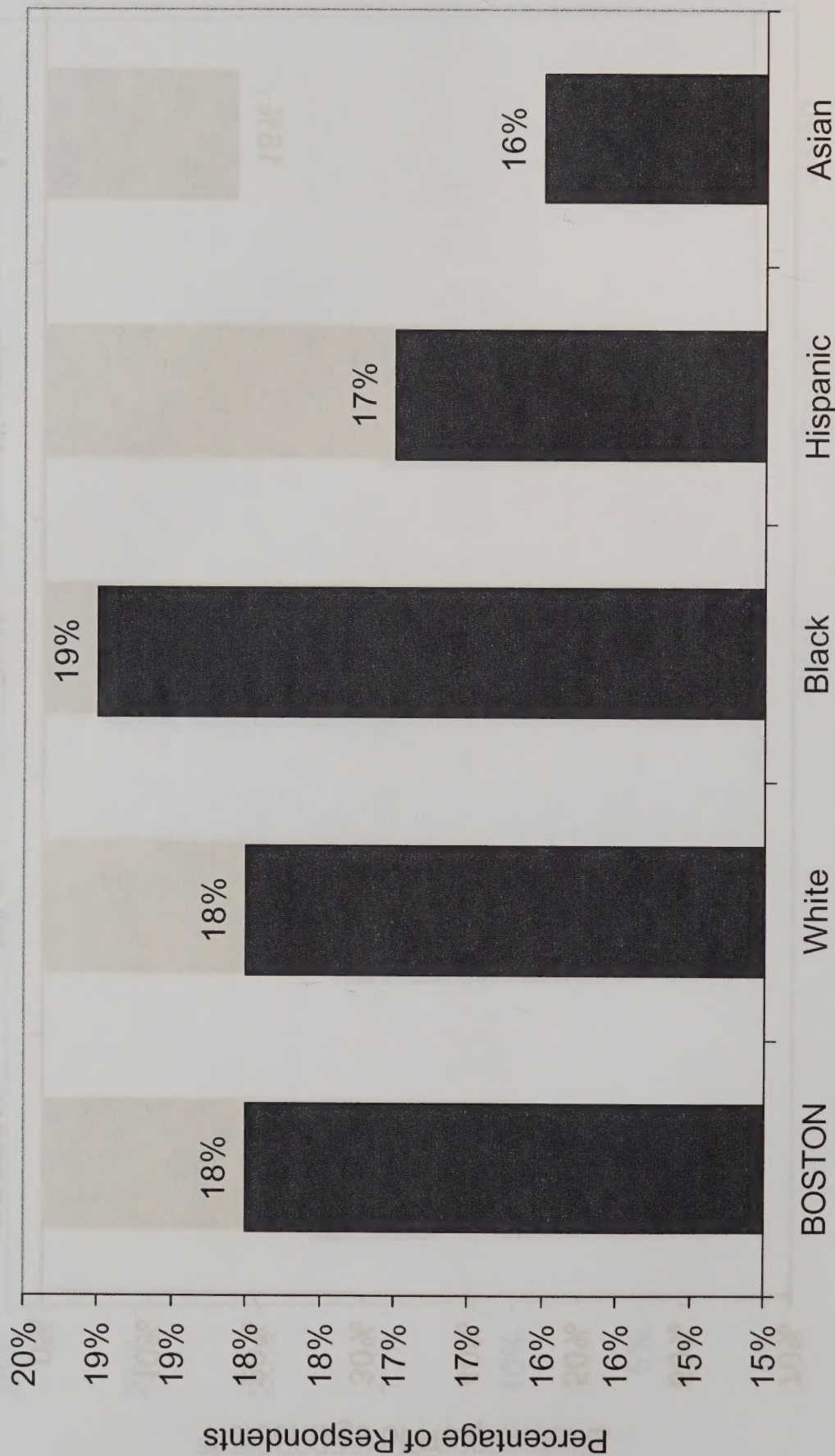


Percentage of Adults Obese or Overweight (Combined) By Race/Ethnicity, Boston, 1997-1999



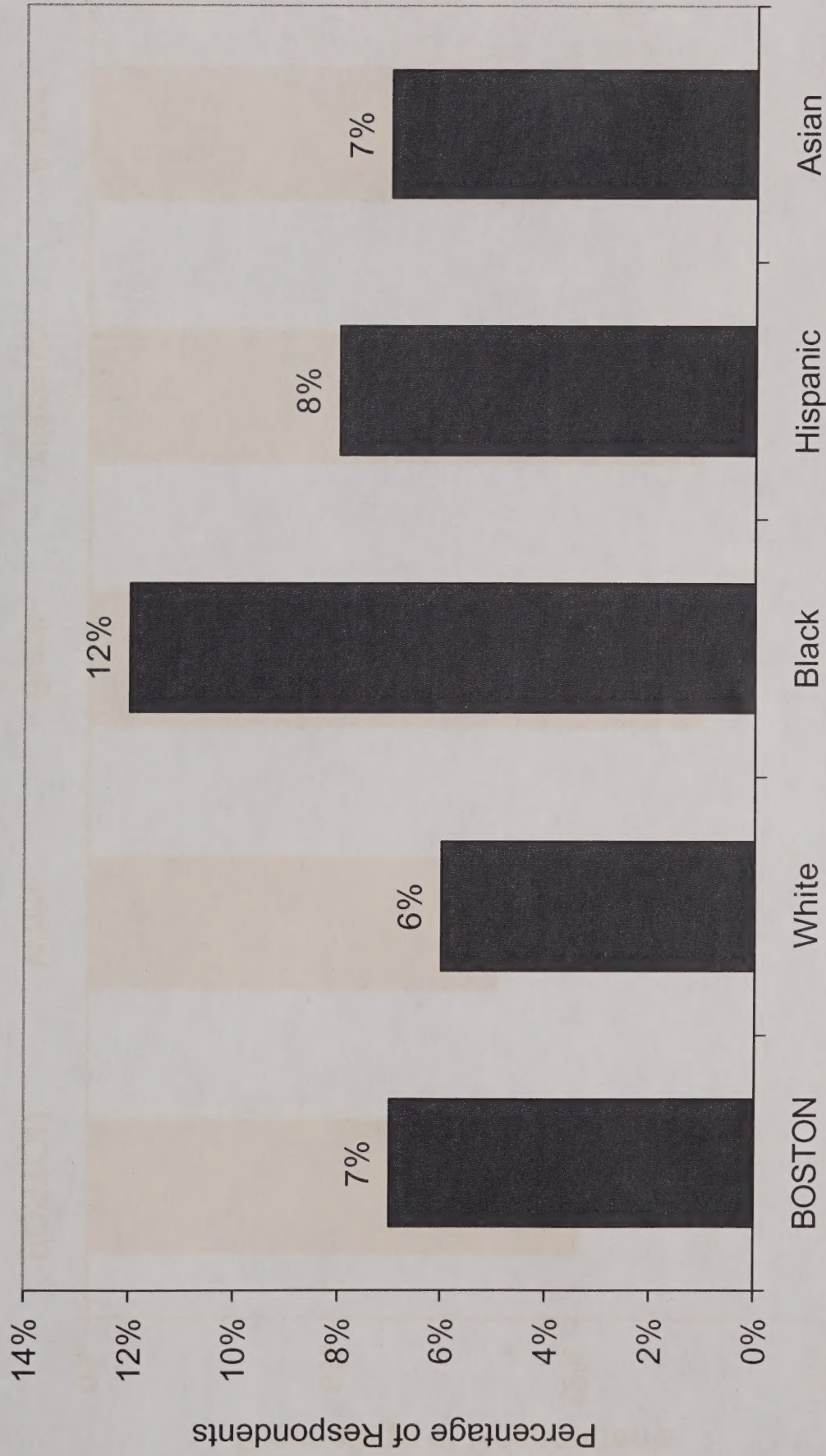
DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston, ²Public Health Commission
GRAPHIC: Boston Public Health Commission, Research Office

Percentage of Adults Who are Current Smokers By Race/Ethnicity, Boston, 1997-1999

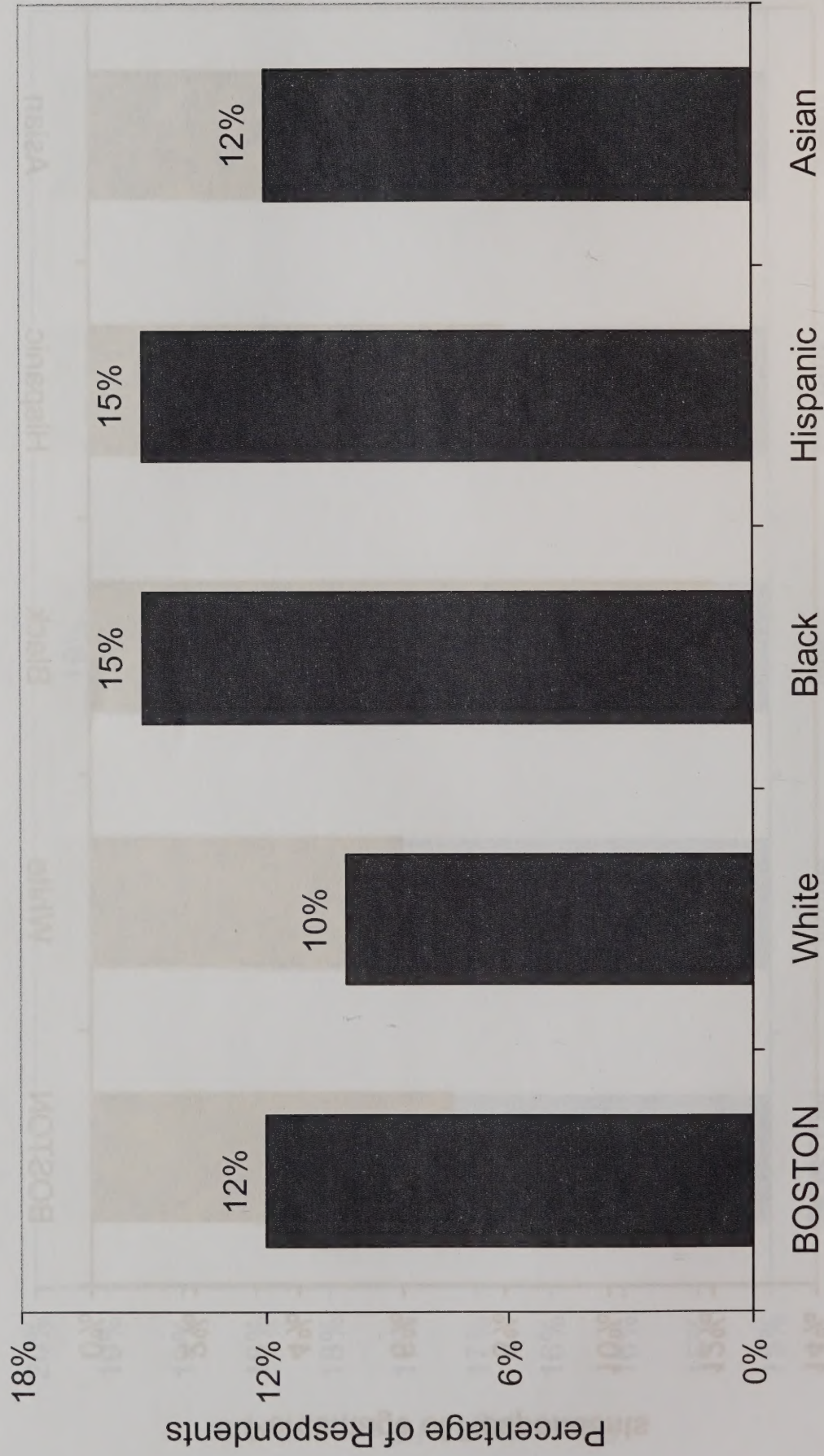


DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission
 GRAPHIC: Boston Public Health Commission, Research Office

Percentage of Adults With No Insurance By Race/Ethnicity, Boston, 1997-1999



Fair or Poor Health Status Among Adults Boston, 1997-1999



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission
GRAPHIC: Boston Public Health Commission, Research Office